

the peristome of *Phymasoma* we have the ambulacra almost petaloid at the base in *Heliocidaris* and *Acrocladia*.

It may be remarked that the above classification arranges the Echinida in two continuous series, namely, the *toothless* and *toothed*; all that was necessary to obtain this incontestable improvement was to refer the *Echinonea* to their proper place.

MISCELLANEOUS.

On a Collection of Pteropods and Heteropods.

By F. P. MARRAT.

THE following collection of Pteropods and Heteropods was obtained by Capt. Whiteway, of the ship 'Annie Cheshyre,' during several voyages from Liverpool to Valparaiso. This gentleman has been in the habit of collecting various marine objects, and with the utmost liberality has given them to our local museums and private collectors. It is truly surprising to find what a very large number of interesting specimens have been procured by the indefatigable exertions of a single individual. The following list comprises only one section of his work. The specimens were placed in my hands, and were found to include the following species:—

PTEROPODA.

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| Cavolina tridentata, <i>Forsk.</i> | Clio lanceolata, <i>Lesueur.</i> |
| — Forskalii, <i>D'Orb. (?)</i> | — pyramidata, <i>Browne.</i> |
| — gibbosa, <i>Rang.</i> | Balantium recurvum, <i>Children.</i> |
| — uncinata, <i>Rang.</i> | Styliola recta, <i>Lesueur.</i> |
| — limbata, <i>D'Orb.</i> | — corniformis, <i>D'Orb.</i> |
| — longirostris, <i>Lesueur.</i> | — subulata, <i>Quoy & Gaim.</i> |
| — quadridentata, <i>Lesueur.</i> | — virgula, <i>Rang.</i> |
| — labiata, <i>D'Orb.</i> | Triptera columnella, <i>Rang.</i> |
| — depressa, <i>D'Orb.</i> | Spirialis rostralis, <i>Eyd. & Soul.</i> |
| Diacria mucronata, <i>Quoy & Gaim.</i> | — inflata, <i>D'Orb.</i> |
| — trispinosa, <i>Lesueur.</i> | — rotunda, <i>D'Orb.</i> |
| Clio cuspidata, <i>Bosc.</i> | Heterofusus bulimoides, <i>D'Orb.</i> |

HETEROPODA.

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| Ianthina bifida, <i>Nuttall.</i> | Atlanta rosea, <i>Eyd.</i> |
| — communis, <i>Lam.</i> | — involuta, <i>Eyd.</i> |
| — globosa, <i>Swain.</i> | — Lesueurii, <i>Eyd.</i> |
| — exigua, <i>Lam.</i> | — inflata, <i>Eyd.</i> |
| — fragilis, <i>Lam.</i> | — turricula, <i>D'Orb.</i> |
| Atlanta brunnea, <i>Eyd.</i> | Oxygyrus Keraudrenii, <i>Rang.</i> |
| — inclinata, <i>Eyd.</i> | Carinaria cymbium, <i>Linn.</i> |
| — Peronii, <i>Lesu. & Blainv.</i> | |